

ABSTRACT OF THE DISCLOSURE

A channel pointer extractor extracts channel pointer value inserted in a SDH signal based on the pointer position information contained in the channel information, each time the channel information is detected by a channel information detector. A reference data readout section readouts the reference data of the channel specified by the channel identification information contained in the channel information from a reference data memory, each time the channel information is detected by the channel information detector. A pointer processing section judges the states of justification and alarm, from the channel pointer value extracted from the channel pointer extractor, and reference data read out by the reference data readout section and generates a new reference data based on the judgment results.